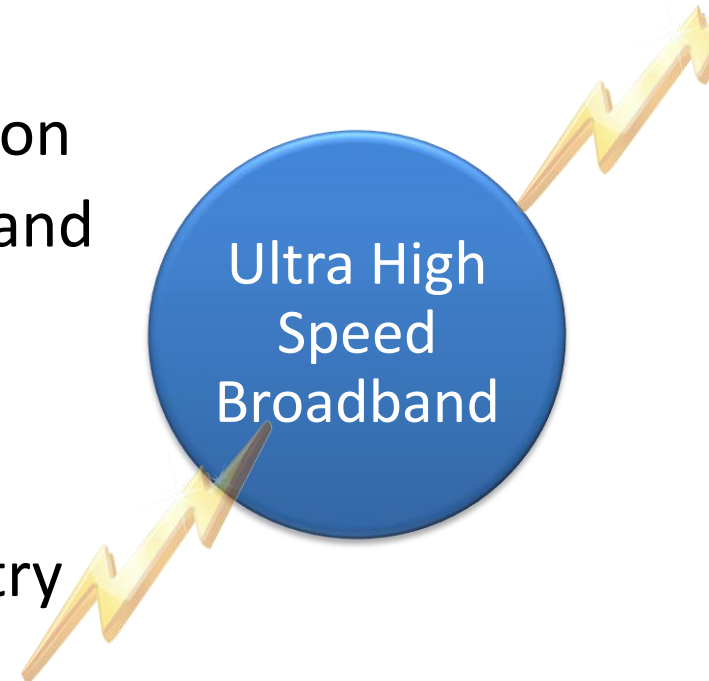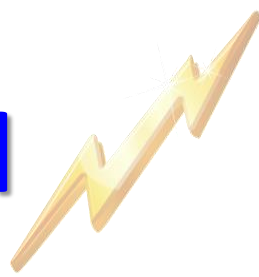# ULTRA HIGH SPEED BROADBAND
## 10 Gigabits Downtown

- o Economic/ Business Technology Magnet
- o Carrot for business growth
- Low Income Adjacent Neighborhoods Mesh
  - o Jump digital divide
  - o Inclusion at beginning of adoption
  - o Better access to social services and education
- Industrial Sites
  - o Attract cloud industry
  - o Attract technology based industry
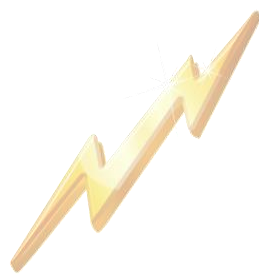
Ultra High Speed Broadband

# Ultra High Speed Broadband

- New Motto for Fresno:
  - Fast Fresno – Fast Rail / Fast Data / Fast Com (F$^3$)
- Efficient City Management
  - Better use of neighborhood data and land use decisions.
  - Reduce City Administration Costs by going digital
  - Convert current paper recording of neighborhood revitalization programs (Lowell) to digital hand held devices
- Smart Meter – manage city utilities for energy efficiencies and water sensors – cost savings – Chattanooga Model to Broadband
- Manage transportation flows – traffic
- Public Safety – Smart Street Lights – Variable Intensity – Crime deterrence and apprehension
- Public Safety – Crime Monitor Center- more efficient reporting, crime tracking with drones and cameras - IBM Rio example

# DOWNTOWN MAGNET:
# HIGH SPEED RAIL
# AND HIGH SPEED BROADBAND

- Foundation for Agriculture Technology Economic Cluster
- Tech Sector and Hacker Millennials locate down town
- Ag Tech and Tech Companies looking for high speed broadband access –
  - Cloud location – Data Centers
  - New Food Manufacturing  - Technology Driven
- Public Library as Community Center
  - (Distance) Learning Center – Partner with Community Colleges
  - School to Home and Library
- Tele-Health Tele-Medicine – attracts "*Meds*" to downtown
- Case for putting "*Eds*" – Engineering school downtown

# Citizen Praises Economic Value of 10Gg Fiber Downtown